Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
Data File : BG056500.D
Acq On : 1 Feb 2023 14:53
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER 10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 02 05:01:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	32656	20.000	ng		0.00
21) Naphthalene-d8	11.107	136	125936	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	104098	20.000	ng		0.00
64) Phenanthrene-d10	17.629	188	269204	20.000	ng		0.00
76) Chrysene-d12	21.918	240	260323	20.000	ng		0.00
86) Perylene-d12	25.344	264	288151	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	179811	101.291	ng		0.00
7) Phenol-d6	7.418	99	259832	98.786	ng		0.00
23) Nitrobenzene-d5	9.451	82	154925	69.856	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	144210	104.204	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	535128	71.271	ng		0.00
79) Terphenyl-d14	20.209	244	1030977	69.559	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	6794	9.191	ng		98
3) Pyridine	4.022	79	18812	8.538	ng		95
4) n-Nitrosodimethylamine	3.928	42	3902	8.327	ng	#	92
6) Aniline	7.588	93	28967	8.412	ng	#	93
8) 2-Chlorophenol	7.835	128	16337	8.377	ng		83
9) Benzaldehyde	7.400	77	14931	9.782	ng		89
10) Phenol	7.441	94	22458	8.401	ng		96
11) bis(2-Chloroethyl)ether	7.682	93	16052	8.736	ng		92
12) 1,3-Dichlorobenzene	8.164	146	21558	9.601	ng		96
13) 1,4-Dichlorobenzene	8.311	146	21557	9.480	ng		99
14) 1,2-Dichlorobenzene	8.634	146	20508	9.296	ng		96
15) Benzyl Alcohol	8.510	79	15053	8.341	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.793	45	3331	8.556	ng		98
17) 2-Methylphenol	8.710	107	16288	8.009	ng		98
18) Hexachloroethane	9.368	117	6317	9.185	ng		84
19) n-Nitroso-di-n-propyla...	9.075	70	12651	8.346	ng		96
20) 3+4-Methylphenols	9.039	107	21912	7.688	ng		93
22) Acetophenone	9.104	105	30491	9.112	ng	#	96
24) Nitrobenzene	9.492	77	20094	9.393	ng		96
25) Isophorone	10.009	82	40819	8.922	ng		98
26) 2-Nitrophenol	10.214	139	11583	8.924	ng		94
27) 2,4-Dimethylphenol	10.256	122	17642	8.122	ng		90
28) bis(2-Chloroethoxy)met...	10.491	93	23479	9.289	ng		93
29) 2,4-Dichlorophenol	10.755	162	21305	8.714	ng		95
30) 1,2,4-Trichlorobenzene	10.966	180	25932	9.544	ng		97
31) Naphthalene	11.160	128	60471	9.098	ng		98
32) Benzoic acid	10.367	122	14177m	11.666	ng		
33) 4-Chloroaniline	11.260	127	26510	8.544	ng		97
34) Hexachlorobutadiene	11.431	225	19193	10.063	ng		99
35) Caprolactam	12.012	113	6792	8.237	ng		93
36) 4-Chloro-3-methylphenol	12.365	107	20173	8.543	ng		88
37) 2-Methylnaphthalene	12.741	142	47815	8.726	ng		98
38) 1-Methylnaphthalene	12.958	142	45445	8.880	ng		97
40) 1,2,4,5-Tetrachloroben...	13.105	216	36231	9.527	ng		97
41) Hexachlorocyclopentadiene	13.082	237	11321	11.540	ng		99
43) 2,4,6-Trichlorophenol	13.340	196	21383	8.725	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	22785	7.941	ng		97
46) 1,1'-Biphenyl	13.734	154	69984	9.269	ng		98
47) 2-Chloronaphthalene	13.781	162	55471	9.399	ng		99
48) 2-Nitroaniline	13.981	65	10160	8.328	ng		84
49) Acenaphthylene	14.621	152	87323	9.094	ng		98
50) Dimethylphthalate	14.327	163	74389	8.833	ng		100
51) 2,6-Dinitrotoluene	14.456	165	16582	9.029	ng		97
52) Acenaphthene	14.956	154	51305	9.010	ng		96
53) 3-Nitroaniline	14.791	138	14869	8.351	ng		88
54) 2,4-Dinitrophenol	15.009	184	10177	8.839	ng		93
55) Dibenzofuran	15.291	168	92776	9.085	ng		99
56) 4-Nitrophenol	15.097	139	13127	10.790	ng		95
57) 2,4-Dinitrotoluene	15.244	165	22998	8.890	ng		99
58) Fluorene	15.937	166	72616	8.937	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.514	232	21570	8.455	ng	#	95
60) Diethylphthalate	15.679	149	70048	8.858	ng		98
61) 4-Chlorophenyl-phenyle...	15.919	204	45149	9.106	ng		97
62) 4-Nitroaniline	15.949	138	15630	8.773	ng		90
63) Azobenzene	16.207	77	49397	9.078	ng		96
65) 4,6-Dinitro-2-methylph...	16.013	198	15294	8.081	ng		98
66) n-Nitrosodiphenylamine	16.131	169	67842	8.901	ng		100
67) 4-Bromophenyl-phenylether	16.813	248	30313	8.796	ng		94
68) Hexachlorobenzene	16.936	284	31762	9.410	ng	#	95
69) Atrazine	17.059	200	28806	9.796	ng		98
70) Pentachlorophenol	17.283	266	18609m	9.111	ng		
71) Phenanthrene	17.676	178	127371	9.040	ng		97
72) Anthracene	17.764	178	129499	8.954	ng		98
73) Carbazole	18.029	167	111339	9.038	ng		97
74) Di-n-butylphthalate	18.558	149	113608	8.784	ng		99
75) Fluoranthene	19.668	202	160207	9.009	ng		100
77) Benzidine	19.833	184	84813	12.039	ng		99
78) Pyrene	20.026	202	161334	8.714	ng		100
80) Butylbenzylphthalate	20.884	149	46826	8.281	ng		98
81) Benzo(a)anthracene	21.901	228	162986	8.956	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	65932	10.060	ng		97
83) Chrysene	21.971	228	152590	8.924	ng		98
84) Bis(2-ethylhexyl)phtha...	21.760	149	67586	8.337	ng		99
85) Di-n-octyl phthalate	23.029	149	115675	8.568	ng		100
87) Indeno(1,2,3-cd)pyrene	29.274	276	180333	8.549	ng	#	95
88) Benzo(b)fluoranthene	24.245	252	168132	9.401	ng		96
89) Benzo(k)fluoranthene	24.316	252	161921	8.967	ng		99
90) Benzo(a)pyrene	25.173	252	146396	8.309	ng		98
91) Dibenzo(a,h)anthracene	29.316	278	160600	9.071	ng		98
92) Benzo(g,h,i)perylene	30.496	276	154248	9.029	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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